INSTRUCTION MANUAL

JL-MP HANDPUMP

HURST JAWS OF LIFE®

Jaws of Life© products are designed and manufactured to provide excellent service when used for their intended purpose. Operator safety is a major consideration in the product design and operator manuals are provided to promote their safe usage. Additionally, operator training programs are offered by all authorized Jaws of Life Distributors and this company.

Hale Products, Inc. urges all users of Jaws of Life products to read the Instruction Manual and to seek operating instructions from qualified instructors before attempting to use the products. Although most safety precautions are addressed in factory authorized training programs, as well as throughout this manual, particular attention is directed to the following:

DO NOT OPERATE EQUIPMENT WHEN TIRED, STAY ALERT.

1

Remove Handpump from carton; inspect unit and confirm that all bolts and fittings are securely fastened and the unit has not been damaged in shipment.

2

Check oil level. Use wrench to remove cap.

Note two marks on dip stick. Pump performs best when fluid level is between marks. Use only Hurst hydraulic fluid.*

DO NOT OVERFILL.

HYDRAULIC FLUID: *Jaws Of Life*® hydraulic fluid* is a custom blended phosphate ester fluid. In case of skin contact, wash off with soap and water. In case of eye contact, flush with generous amounts of running water. If discomfort persists following flushing, see physician for symptomatic treatment.

*Solutia product name MCS-2361 - MSDS on file.

3

To operate pump, connect hoses to pump fittings.

4

Turn relief valve clockwise until tight.

Before storing, turn relief valve counter-clockwise and return handle to closed position.

HURST JAWS OF LIFE®

TROUBLESHOOTING GUIDE TO HANDPUMP

PROBLEM	CAUSE	REMEDY
Tool will not open/close	• Pump relief valve open • No hydraulic fluid in pump • Air in hydraulic system • Loose couplers and/or fittings • Blocked hydraulic line • Pump not operating	• Close relief valve • Fill pump to proper oil level • Bleed air from system (see below) • Tighten all loose couplers and fittings • Check line for restrictions - replace if needed • See your local distributor
Tool advances part-way	• Fluid level in pump is low	• Fill pump to proper oil level
Tool advances erractically	• Air in hydraulic system	• Bleed air from system (see below)
Tool advances slower than normal	• Restricted hydraulic lines, fitting or valve • Loose couplers and/or fittings • Pump malfunctioning	• Check for restrictions, replace damaged components • Tighten all loose couplers and fittings • See your local distributor
Tool will not hold pressure	• Leaking connection • Seals Leaking • Pump malfunctioning	• Tighten all loose connections • Replace all worn or damaged seals, check all sealed surfaces for damage • See your local distributor

REMOVAL OF AIR

It is possible that air may be trapped in the hydraulic system. The air must be removed from the system to permit the pump to function properly and at full capacity.

All air can generally be removed from the system by fully advancing and retracting the tool several times. The pump should always be higher than the cylinder so that the trapped air will flow to the pump reservoir.

NOTE: Be sure to unscrew the dipstick to release any excess air that may remain in the pump reservoir.

HALE

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